

Developing Research Services in Academic Libraries: Challenges and Opportunities

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An Leabharlann UCD

Outline

- Different perspectives
- Inside out
- University College Dublin Background
 - Figures and library structure
- Drivers – campus, national and international
- Planning and designing services
- Integrating, mainstreaming and partnering
- Expertise and skills
- UCD Digital Library and Iberian Books
- Supports for funding applications
- Building expertise



Different Perspectives - Institutions

- Strategic objectives and library's alignment with these
 - Increase the quality, quantity and impact of our research, scholarship and innovation
 - Provide an educational experience that defines international best practice
 - Conduct strong interdisciplinary research and education in important areas of national and global need
 - Build our engagement locally, nationally and internationally





Researchers

- To be able to conduct their research
 - With services available to them at the relevant point in their workflow – and that save them time
 - That are easy to use (or for which assistance can be given to them)
- To secure funding
 - Data management plans are an “administrative burden”
 - I don’t want others to “steal” my data....
 - Where do I put my data?
 - What is “Open Access”
- To publish
 - A publisher has offered to publish my paper for €3,000 but I don’t have that sort of funding available

Publishers - Integrated workflows



Digital Environments and the Move to Inside Out

Outside in

1. User builds workflow around library services
2. Towards a centered network presence
3. Locally assemble externally acquired collections
4. Discovery happens in the library
5. Expertise hidden
6. Configure space around collections



<http://orweblog.oclc.org/outside-in-and-inside-out/>

Inside out

1. Library services built around user workflows
2. Towards a decentred network presence
3. Engage with creation, management, use and sharing of all information resources
4. Discovery happens elsewhere
5. Expertise visible
6. Configure space around engagement

Inside – Out

<https://www.lib.purdue.edu/>

FIND ▾ SERVICE ▾ HELP ▾ ABOUT ▾

Search All Books & Media Course Reserves Articles Website

Find Articles, Books, Media, Journals, Collections & Archives **Search**

Examples: Neil Armstrong, Engineering, etc.

Browse: [Catalogs](#) [Databases](#) [Online Journals](#) [Advanced Search](#)

DISCOVER	STUDY	SERVICE	ABOUT
Guides by Subject Course	Study Rooms	Interlibrary Loan	Strategic Plan
Tutorials	Equipment + Media	UBorrow	Faculty Directory
Quick References	Print, Copy, & Scan	Working with Us	Letter from the Dean

Learning & Information Literacy **Scholarly Communication**

Purdue e-Pubs A digital document repository including e-books, papers, reports, and more by Purdue Authors

Publishing

e-Archives The digitized archives and special collections of Purdue University

Archives

PURR A platform for research collaboration and data management for Purdue researchers

Research Data



BEFORE
PRE-AWARD

DISCOVER

DURING
POST-AWARD

- Discover data, literature, systematic reviews
- Data visualisation / GIS
- RDM
- Reference management

ATE

RESEARCH
LIFECYCLE

re-use data

ess
a

preserve
data

analyse
data

- Publishing strategy
- Open Access
- Data
- Communicating / Social media
- Measuring / monitoring impact
- Altmetrics

PUBLISH

MANAGE



University College Dublin





Some Numbers

- 33,724 students
- 3,372 academic staff & support staff
- 27% international (staff and students)
- 9,154 graduate students
- €525m won in externally funded research in last 5 years
- 1.7 million annual visits to UCD Libraries



– <http://www.ucd.ie/about-ucd/about/ucdbynumbers/>

Library Reorganisation 2012

- Client Services
- Collection Services
- Cultural Heritage & Special Collections
- Planning & Administration
- Research Services
 - Maps & GIS Librarian
 - Repository Librarian
 - Scholarly Communications Librarian
 - Data Manager (2016-)
 - Digital Library Team
 - Archinfo
 - Planning Architecture Design Database Ireland - PADDI





Before 2012

- Adhoc situation re specialist services
- Fledgling services based in various library units
 - Mapping (OSi Agent)
 - Institutional Repository
 - Bibliometrics
 - Digital Library (externally funded project)



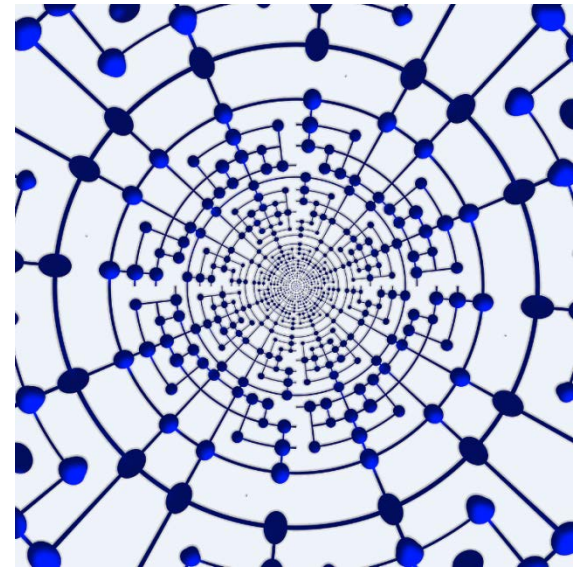
National Services

- Archinfo: fee-based service to architectural (and related) practices
 - www.archinfo-richview.com/
- PADDI: Planning Architecture Design Database Ireland (with Queen's University, Belfast)
 - www.paddi.net
- Irish Social Science Data Archive: Ireland's quantitative data archive
 - www.ucd.ie/issda



What Services?

- What are the drivers & trends?
- What is the demand / need? Why?
- How do we find out?
 - Surveys, focus groups
- Who else is doing this (or bits of this) on campus? Who else do we need both within the library and outside of the library to help provide a complete service?
- Where are the gaps?
- What partnership model/s?
- How / Who will we deliver the service



UCD - Recent Developments / Drivers

- Research Data Management Policy
 - Committee chaired by the VP for Research, Innovation & Impact; includes Librarian & other stakeholders
 - Library to lead smaller group to carry out campus-wide data audit
 - DCC Data Asset Framework tool: <http://www.dcc.ac.uk/>
- Current research information system (CRIS) move to Symplectic Elements
 - Integration with Institutional Repository - SWORD—transfer protocol to enable moving objects from one system to another
- DSpace upgrade (1.8.2 to 5.8.1)
- Open Access Policy....



National Open Research Forum: NORF (<http://norf-ireland.net/>)

- Includes representatives from policy, research funding, library sector etc.
- Key area
 - open access publications and research data
 - Updating the [National Principles for Open Access Policy](#) Statement (2012) – and includes research data
 - Draws on Commission Recommendation (EU) 2018/790 of 25 April 2018 on access to and preservation of scientific information C/2018/2375
 - <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32018H0790&from=EN>
 - <https://eur-lex.europa.eu/legal-content/ES/TXT/PDF/?uri=CELEX:32018H0790&from=EN>



Health Research Board

<http://www.hrb.ie/>

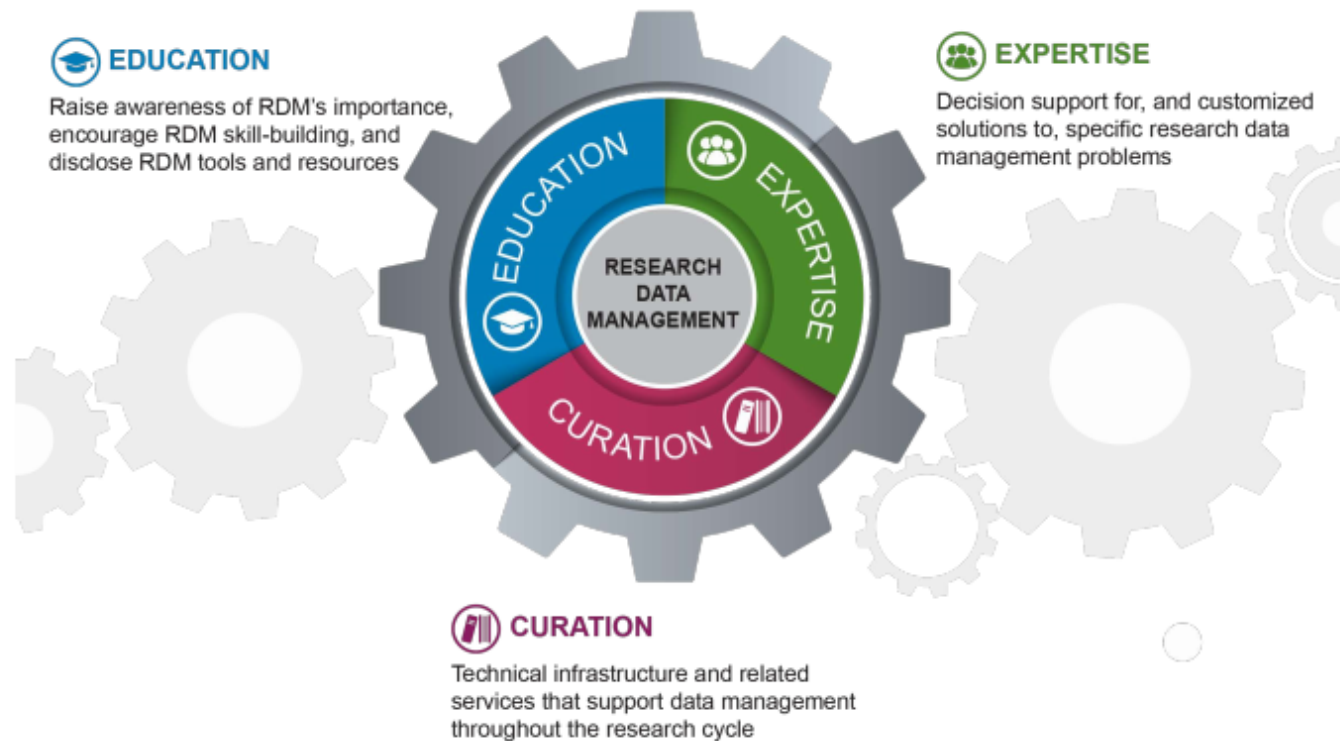
- Funded the training of two “FAIR Data Stewards” from 7 Universities in Leiden
- Must address the FAIR Data principles (Findable; Accessible; Interoperable; Reusable) in data management plans in funding applications (pilot)
- Must include data management costings
- Challenges
 - Practice hasn’t caught up with policy – need more time to embed
 - FAIR includes machine interoperability – very complex, technical and expensive
 - How to cost?
 - Need to address researchers: “What’s in it for me?”



Realities of Research Data Management

<https://www.oclc.org/research/publications/2017/oclcresearch-research-data-management.html>

Research Data Management Service Categories



Research Data Management Services

- Guide: <https://libguides.ucd.ie/data>
- Information sheets
 - [Data Management Checklist](#)
 - [Addressing the FAIR Data Principles in a Data Management Plan](#)
 - [Where to Submit Data](#)
- Training
 - Workshops & Presentations
 - [General](#) – may include partners such as IT Services and Ethics
 - Funding-call specific – with Research Office
 - DMPs
 - DMPOnline: <https://dmponline.dcc.ac.uk/>
- Data management plan reviews – with IT Services



Benefits – what's in it for me

- “Research Data Management isn't principally about complying with policy - at heart it means helping you to complete your research, share the results, and allow you to get credit for what you have done.”
 - Professor Kevin Schurer, Pro-Vice Chancellor (Research and Enterprise), University of Leicester
<http://www2.le.ac.uk/services/research-data>
- Evidence of citation advantage
 - Piwowar HA, Vision TJ. (2013) Data reuse and the open data citation advantage.
PeerJ 1:e175 <https://dx.doi.org/10.7717/peerj.175>



Challenges: Integrating, Mainstreaming and Partnering

- Campus-wide approach
 - Reduce fragmentation and silos
 - Partnership agreements in relation to respective roles, responsibilities and service levels (MOU?); who to go to for what
 - Ownership issues
 - Navigating the “coopetition” (combining cooperation and competition) – having the professional confidence and competence to stake a claim in new areas of activity
 - <https://sconul.ac.uk/sites/default/files/documents/SCONUL%20Report%20Mapping%20the%20Future%20of%20Academic%20Libraries.pdf>
- Collaboration and relationship-building skills



Collections....Services....Expertise

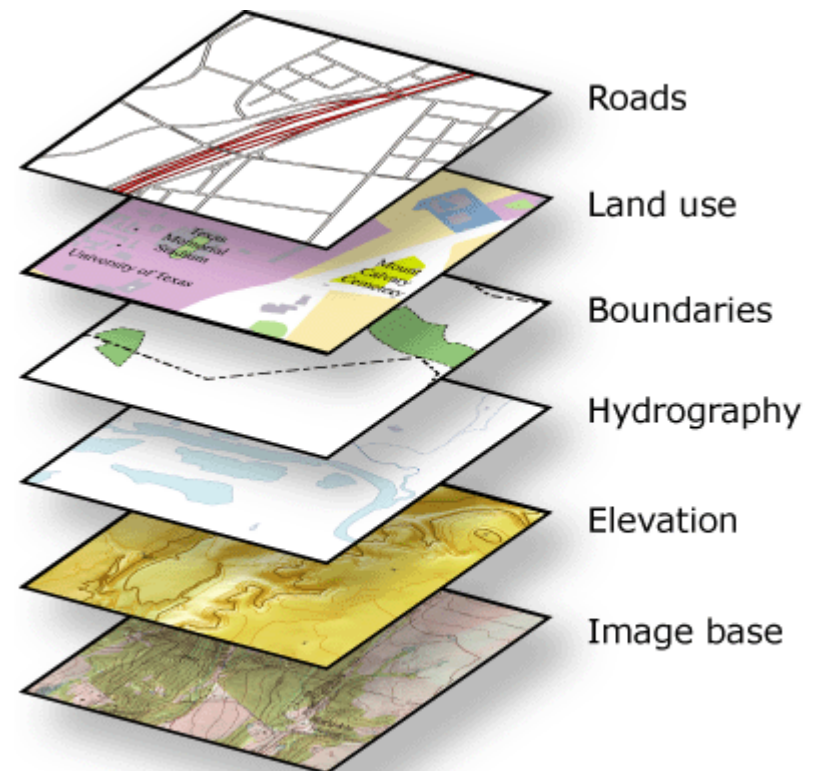
- Maps – Geographic Information Systems

Turn spreadsheets, lists, written reports into maps / visual impact!

In a GIS you can stack layers of data to create a single map

For example you might have the following layers of data:

- Places where schools are located
- Roads
- Bus stops
- Electoral District (ED) areas



So together, these layers would constitute a map.

UCD Library Researcher Workshops *Spring 2018*

book your place at
ucd.libcal.com/events



Visualise your data on a map: how to create a map with Google My Maps

Introduction to ArcGIS: visualising environmental data using ArcGIS

Creating stories using maps / timelines to display on websites with StoryMapJS and TimelineJS

Display your historic map over modern data: georeferencing to enable visual comparisons

Visualise your data on a map : how to create a map with Scribble Maps



Demonstrate Value and Impact

*“As a literary scholar working with ecologists to promote research on the cultural value of our coastlines, **the [Library’s] GIS clinic was invaluable** in showing me how to produce multi-layered maps which visualise the relationship between culture and ecology. The clinic provided an accessible step-by-step guide to GIS mapping, **a tool which is very rarely used in my discipline.***

*The maps I have made as a direct result of the clinic have already been used in **conference presentations and research funding applications**, and have helped to make my research **more accessible** to scholars outside my field.”*



(Prof. John Brannigan, School of English, Drama & Film)

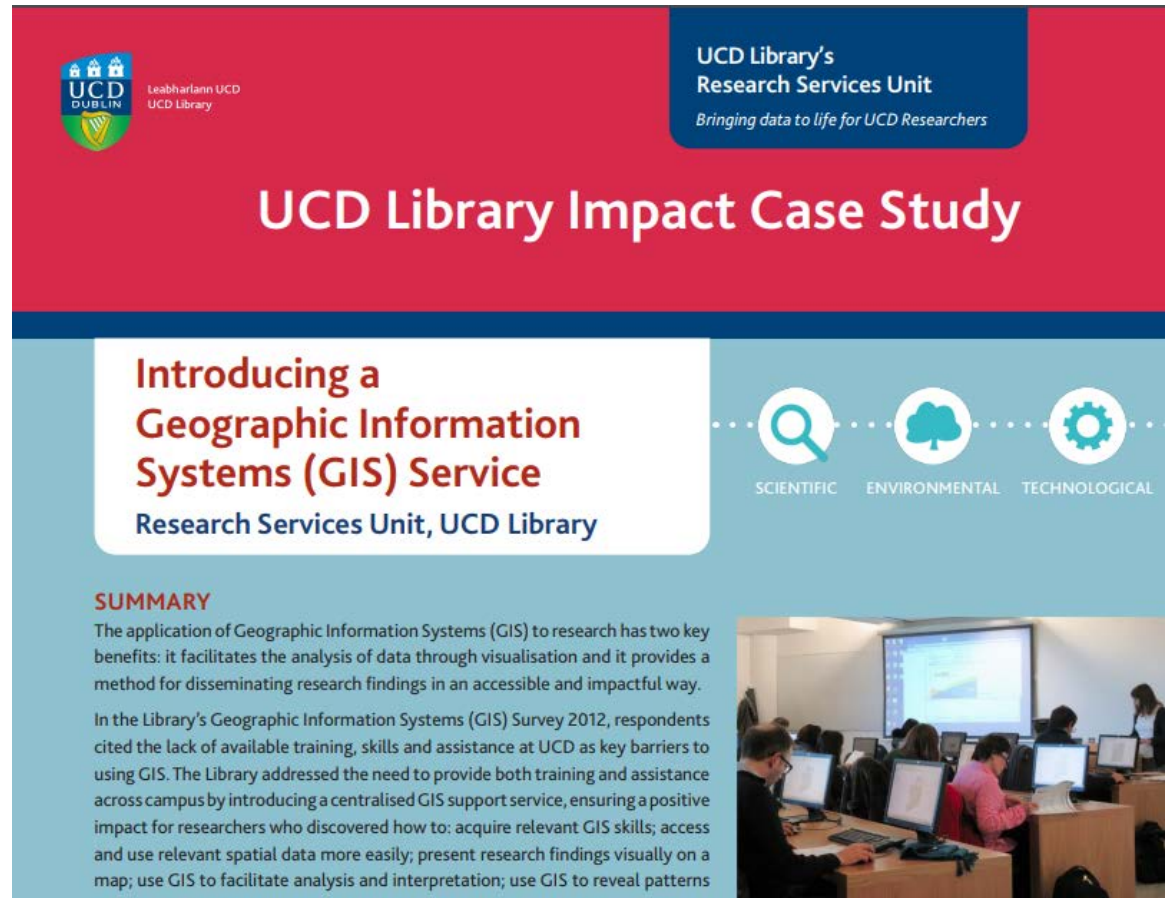
Impact Case Studies

Powerful research tool

- Decision-making
- Analysis and interpretation
- Impactful communication of research findings

Digital / spatial literacy

- Employability



The poster is titled "UCD Library Impact Case Study" in large white letters on a red background. In the top left corner is the UCD Dublin logo with the text "Leabharlann UCD UCD Library". In the top right corner, a dark blue box contains the text "UCD Library's Research Services Unit" and "Bringing data to life for UCD Researchers". Below the title, a white box on a light blue background reads "Introducing a Geographic Information Systems (GIS) Service" and "Research Services Unit, UCD Library". To the right of this box are three circular icons: a magnifying glass labeled "SCIENTIFIC", a cloud labeled "ENVIRONMENTAL", and a gear labeled "TECHNOLOGICAL". Below these icons, a "SUMMARY" section in red text describes the benefits of GIS for research, including data visualization and dissemination. The bottom right of the poster features a photograph of several people working at computers in a library setting, with a large screen displaying a map in the background.

UCD Library's Research Services Unit
Bringing data to life for UCD Researchers

UCD Library Impact Case Study


Introducing a Geographic Information Systems (GIS) Service

Research Services Unit, UCD Library

SUMMARY

The application of Geographic Information Systems (GIS) to research has two key benefits: it facilitates the analysis of data through visualisation and it provides a method for disseminating research findings in an accessible and impactful way.

In the Library's Geographic Information Systems (GIS) Survey 2012, respondents cited the lack of available training, skills and assistance at UCD as key barriers to using GIS. The Library addressed the need to provide both training and assistance across campus by introducing a centralised GIS support service, ensuring a positive impact for researchers who discovered how to: acquire relevant GIS skills; access and use relevant spatial data more easily; present research findings visually on a map; use GIS to facilitate analysis and interpretation; use GIS to reveal patterns



How do we provide expert services with few staff?

Advanced modelling for predicting landslides

Identifying liver fluke infection in cattle by location

Sludge management. Putting locations of licenced sludge facilities on a map, together with soil & elevation data

International trade costs. Origin and destination of food products and price at each point

Visualising diseases by region. Showing hospitals on maps and which regions patients are from who attend these hospitals

Mapping two versions of the Aisling prayer

Specialist Services (e.g. GIS)

Skills – Library Staff

Specialist expertise

- in high demand; may leave (Centro de Estudios Andaluces)
- cannot always be developed through re-skilling
- may not require a library qualification
- confidence, process skills – partnering, negotiating, training etc.

Graduate students

- GIS experts
- pass knowledge on to Library staff

Need to manage expectations

- manage the inevitable tension between developing / delivering services and users wanting more
- clarity on what we can and cannot do



Skills – Users

Training v. consultations (showing v. doing)

- Level of knowledge
- Complexity of tool
- Complexity of query
- Continuing need to use tool (PhD v. one-off)
- Time available
- Volume of requests

Library Skills

Mapping the Future of Academic Libraries (SCONUL, November 2017)

Library skills: In your library how important will the following skills be...



Digitisation Projects - Active Partnership

A		B		C		D		E			
Collection Identifier											
/ Refer		I		J		K		L		M	
collOrig	Place	N		O		P		Q			
										Name 2	
	oiPlace	Role for Name 2		Name 3		Role for Name 3		Subject / Keywords		Other notes	
										[add manually]	
		[add manually]		[add manually]		[add manually]		[add manually]		collectionNotes	

- Metadata template
 - Researcher is instructed on how to fill it in
 - Reviewed after 2 weeks

Outline of Respective Responsibilities – Google Arts & Culture Online Exhibition

Create a Google Online Exhibition

Digital objects and metadata are loaded to the Google platform.
Using a storyboard an online exhibit is then created out of these.

1

Discussions with UCD Library

YOU

- > Contact outreach@ucd.ie with your exhibition idea
- > Understand your required contributions
- > Sign the exhibitor agreement if proceeding

LIBRARY

- > Arranges discussion meeting
- > Outlines storyboard, digital file, metadata & rights needs
- > Decides if the exhibit should proceed and the timeline

2

Selection of the items

YOU

- > Select digital items including any audio tracks
- > Load any video required to YouTube
- > Ensure rights issues are addressed
- > Provide required metadata for each digital object

LIBRARY

- > Receives digital files and metadata
- > Liaises with you on any issues regarding these
- > Loads digital files and metadata to Google platform
- > Pulls your selection of items into a separate set

3

Storyboarding the exhibition

YOU

- > Develop initial ideas into a detailed 10-30 slide exhibit
- > Include exact text required on each slide
- > Include shot image required on each slide & filename
- > Indicate where video and audio should be included

LIBRARY

- > Provides example storyboard
- > Fields any queries as the storyboard is developed
- > Reviews submitted storyboard
- > Arranges discussion of any issues with the storyboard

4

Creation of the online exhibition

YOU

- > Provide interim feedback on the online exhibit
- > Provide any additional digital objects and metadata if a need for additional material emerges during build
- > Sign off the exhibition when it is acceptable

LIBRARY

- > Builds the online exhibition
- > Arranges interim viewing and discussion
- > Arranges final sign-off meeting
- > Submits to Google for publication & liaise with them

5

Hosting options and publicity plan

YOU

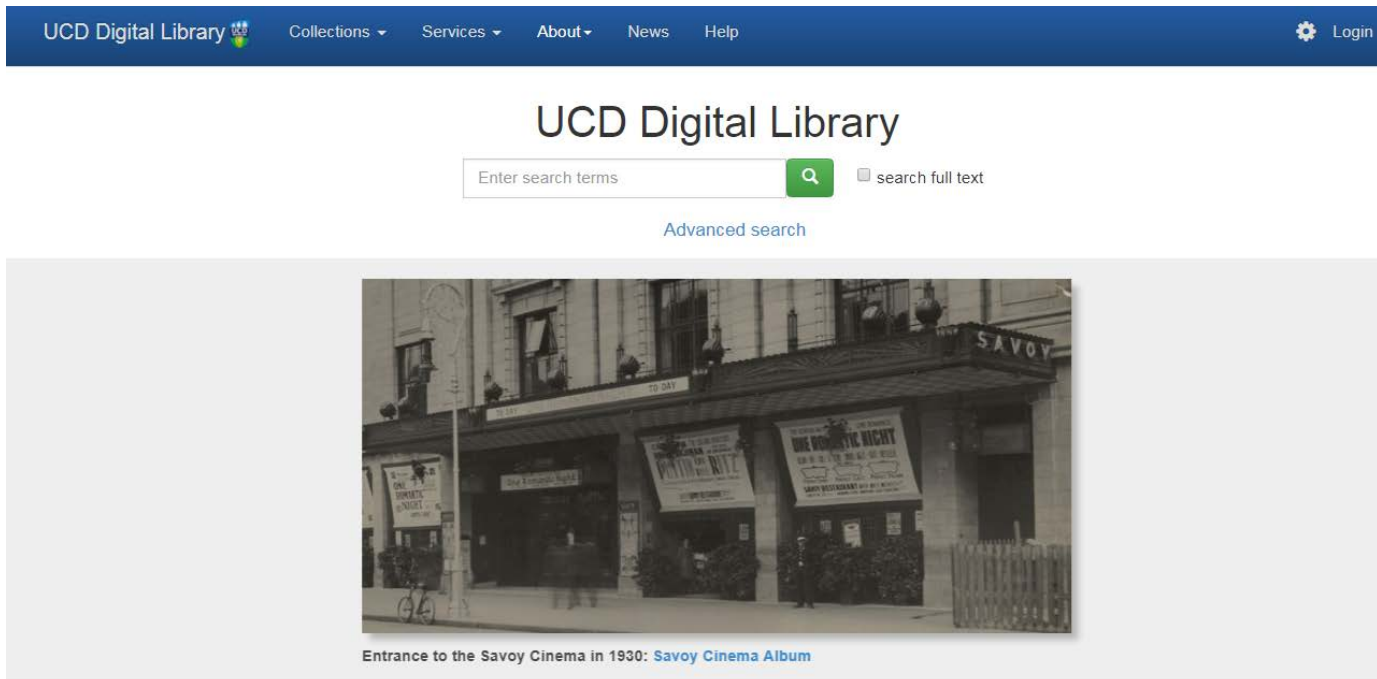
- > View the final exhibition online
- > Request the embed code if embedding elsewhere
- > Agree with the Library a publicity strategy and who does what

LIBRARY

- > Alerts curators when the exhibition is live
- > Agrees with curator the publicity strategy
- > Implements agreed Library actions for publicity



UCD Digital Library – digital.ucd.ie



New Collections

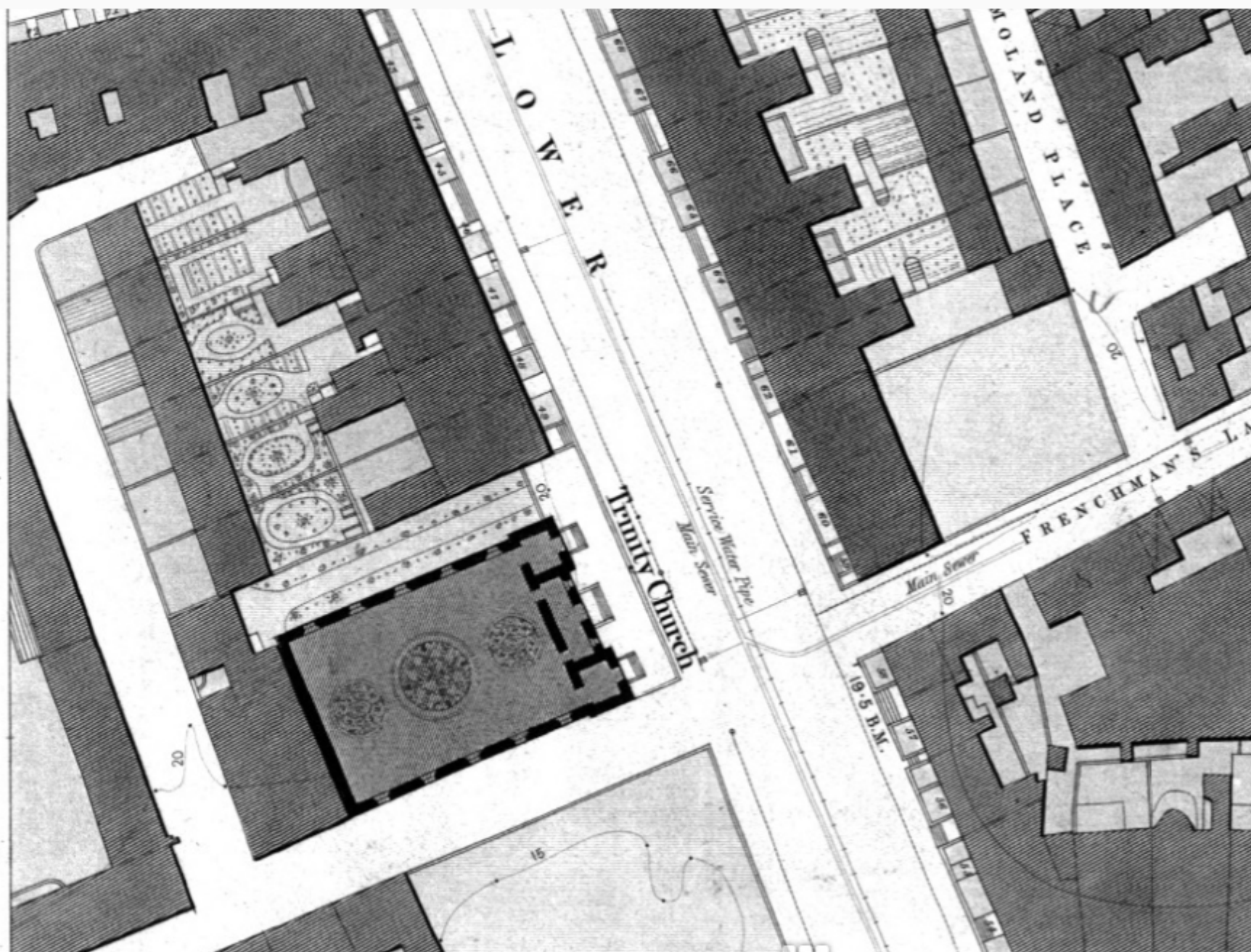
Heritage

New Features

- Irish Virtual Research Library & Archive (2005-2009)
- Migration/Building (2010-2012)
- UCD Digital Library (2012 – present)
- Data Seal of Approval 2015
- 81 Collections
- Fedora Commons 3.8.1



St Thomas' Park
North Dock



Content Diversity

- Variety of content types
 - **Archival**: letters, books, pamphlets, ephemera, manuscripts, diaries, ballads, essays
 - **Text**: journals, pamphlets
 - **Audio**: sound recordings
 - **Video**: video interviews
 - **Images**: photographs, slides, paintings
 - **Cartographic**: maps
 - **Datasets**: databases
 - **Records**: registers

Date of Birth	No. of Prisoner	Station	Prisoner's Name	Age	Occupation	Residence	By whom arrested	Offence
May 10		Bedford	Mary Dunne	22	Single	19 Old Bandon St	1901/12	Stole boots etc
"		"	Ellen Dunne	45	Married	6 Bandon St	"	"
"		"	Maggie O'Riordan	17	Robus	32 up Bandon St	"	"
"		"	Wm. J. Kelly	46	Labr.	6 Bandon St	"	"
"		"	Margaret M. James	20	Married	61/2 Bandon St R	"	"
"		"	Collette Margaret O'Connell	38	"	21 Luke St	37/18	Stole poson.



11/12/16, Thos
5 Bandon St
18/10/18

My dear Mr. Henry
I can do nothing but
think of what your poor sad heart
must have suffered since I saw
you last. How little we thought
that happy Sunday at Bandon
what a terrible crisis was before
you, but your great faith and
courage will help you to bear it
and I thought God who has tried
you so cruelly will send you
consolation as he gave you

UCD Digital Library Internal Partners



[Beranger Watercolours](#)

UCD Library Special Collections



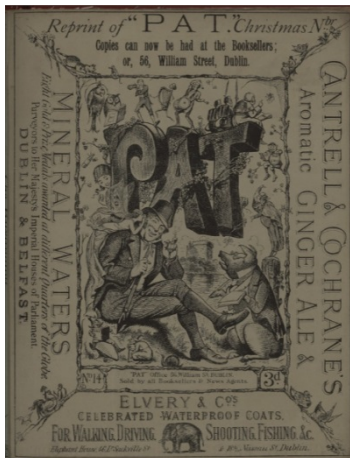
[Folklore Photograph Collection](#)
National Folklore Collection
UCD



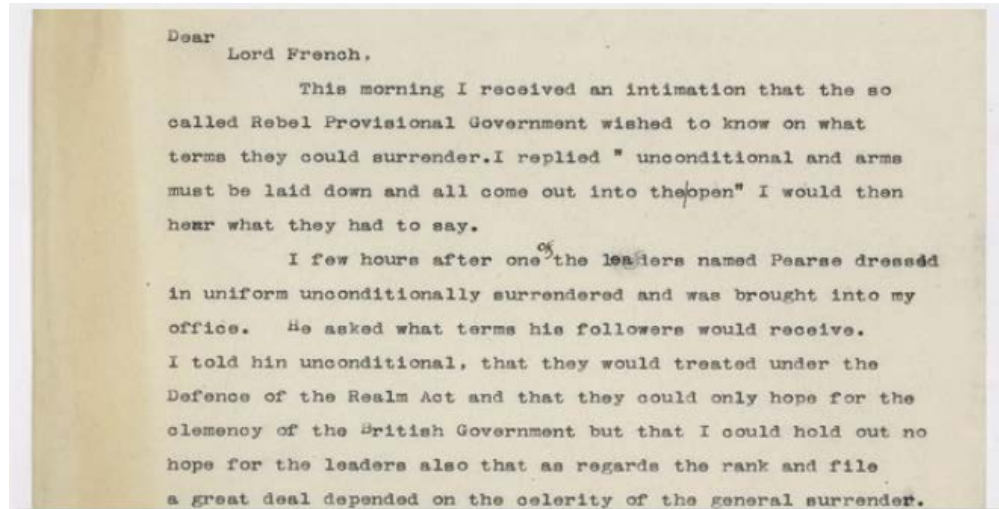
[Curran Collection](#)
– Photographs

[James Joyce](#)

**UCD Library
Special
Collections**



[Pat](#)



[de Valera Papers : British documents relating to 1916](#)

[Easter Rising Surrender Terms](#)
UCD Archives



**National Folklore
Collection UCD**

UCD Digital Library

External Partners



Savoy Cinema Album

Irish Architectural Archive

John Ryan	31	Lab.	23 Caffee St.	11 & 35g.	Attempted Fraud
Anne Nagle	55	none	2 Dolka Cotts	80 & 0.	Stole Coal
Maud Jones Mc Bride	45	none	73 St. Stephens Green	Sgt. Druton	Defence of the Realm
John Innocent	72	Pauper	N. D. Union	Inspector Quinn	Buggery
Sarah Young	28	married	9 Hawthorn Lee	(436	Larceny of eggs

**Dublin Metropolitan Police
(DMP) Prisoners Books**
Garda Museum & Archives



**G. & T. Crampton
Photographs**

G. & T. Crampton

Shortly after a telephone from Rathfarnham informed the Superior that the Sinn Féin would not return that night and that the G. P. O. had been seized by the Sinn Féiners. Firing was heard through the city. We were told it was an encounter between the insurgents and the Lanciers in order to get possession of the Castle.

...the GPO had been seized by the Sinn Féiners...

Loreto 1916
Loreto Archives

**OSi 19th Century
Historical Maps**

**Ordnance Survey
Ireland**





Why Digitise?

- Makes primary sources freely and easily available for all – development of new points of entry to collections, archives, etc.
 - Decade of Commemorations
- Increases the visibility and impact of archives / collections; increases discoverability via Google
- UCD Strategic Objective
 - Build our engagement locally, nationally and internationally



Political Dimension

- The library as curator of institutional identity: possible partners are Archives, Office of the President, Estate Services, Communications/PR
 - Official Publications
 - President's Reports, Statutes, Calendar, exam papers etc.
 - Student Publications
 - St. Stephen's, Hermes, University Observer, College Tribune
- Helps to build relationships with powerful non-academic units
- Helps to demonstrate Library expertise, credibility and visibility in creating accessible, global, discoverable and curated digital collections



Institutional Memory: UCD News, April 1973

<http://digital.ucd.ie/view-media/ucdlib:49480/canvas/ucdlib:49736>

ACCESS to the Main Library's computer catalogue system will be greatly enhanced next term, when the public access catalogue is due to be connected to the campus computer network. By then it is also hoped that the 'union catalogue' system will provide on-line access to the Medical and Architecture libraries.

And the library's acquisitions files are also due to be computerised, which means that students and staff will know what's on order and when each item is likely to be available.

These are the latest stages in the automation of the Library which effectively began in 1966 when 80 Data General computer terminals were installed as part of the BLCMP Library Services system — a system which also gave UCD's Library access to full bibliographic information on six million titles in the Birmingham-based company's union catalogue.

"The computerisation has certainly been a success," says Deputy Librarian Pauline Corrigan, who has worked for 20 years in the College's essential information centre. "Our computers give us a 2-second turnaround per transaction, which a manual system certainly could not do."

And because the computers are up-to-date, more books can be lent because the Library staff know they're actually available.

There are more than 4,000 transactions a day, mostly involving borrowing, and the provision of a user-friendly system means that applicants can do their own searches. An Audio Visual Centre video provided new users with information on how to use the system in the first weeks of October last year.

"But it's been no great problem because the students are very computer literate," says Pauline Corrigan. "If anything, it's the faculty members who haven't had

Library on-line expansion



Pauline Corrigan at one of the computer terminals which, among other things, replace the Serials Catalogue manual system in the background.

the benefit of computer use in their early years who are of a disadvantage... we should be doing more in training them."

There are the equivalent of 94 full-time current staff in the Library, a number which Pauline Corrigan says still leaves them 'very stretched' despite automation. It's those professional staff who push for the latest in information technology to make the facility even more valuable to the College staff academics and students.

"At the moment we're looking at the possibilities of installing a CD-ROM system to hold information which would normally have to be accessed by 'dialling out,'" says Pauline Corrigan. "Two CD discs, for instance, could hold all the information on the MEDLINE database. Having that kind of

information in-house could mean that people could do their own searching instead of trying to staff to do it more expensively."

Most outside data bases are accessible through the UCD Library system, including the LEXUS legal reports from the US, Britain and Ireland, and DIALOG, DATASTAR and IBM.

Pauline is also looking forward to somewhat less crowding in the Library as the campus residence programme gives 700 students their own places to study.

"We have room for 2,500 students here, which is about the ratio of students to places for any university library. But when nearly all are living outside, they come in first thing in the morning and live here for the day... it almost becomes a social centre."

UCD News was an internal, informal publication published initially by the Information Officer and later by the Office of Public Affairs for the staff and students of University College Dublin.

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Hospice gets Commerce Day

THE recent Commerce Day activities raised €32,000 for the Irish Hospice Foundation. At the recent handing over of the cheque were Dr Mary Redmond, Chairwoman of the Irish Hospice Foundation; the President, Dr Patrick Masterson; Ofen Kelleher;

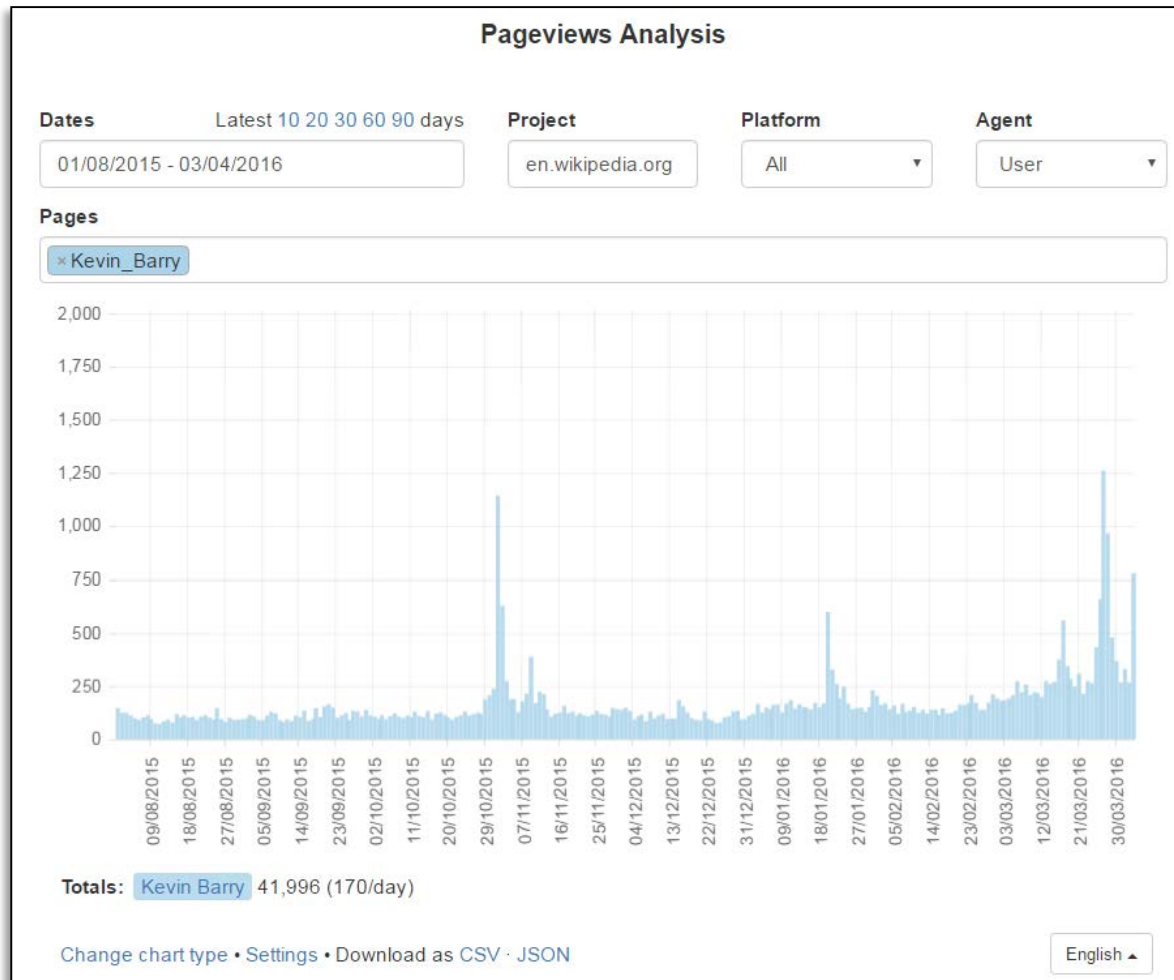


Demonstrating Impact

- Google Analytics
 - Developing a more automated service for depositing organisations
- Wikipedia Page Views
 - Page views for whole page (e.g. Kevin Barry)
 - “Relevant Wikipedia entries are gold!”
 - SPEC Kit 341 (2014): Digital Collections Assessment and Outreach <http://publications.arl.org/Digital-Collections-Assessment-Outreach-SPEC-Kit-341/59> (p. 47)
- Altmetrics
 - Individual Digital Library collections
 - Social media spread



Kevin Barry Wikipedia Page



UCD
Library:
3/day



Kevin
Barry:
170/day

Easter
Rising:
4,665/day
(22,957/day
for March
2016)

Measuring Social Media



Mentioned by

 125 tweeters
 3 Facebook pages

What is this page?

SUMMARY

Twitter

Facebook



So far, Altmetric has seen **176** tweets from **125** users, with an upper bound of **267,701** followers.

Showing items 1–100



Christin Mulligan

@genuinechristin

RT @z_cammack: Made this discovery today: The Shan Van Vocht (anglicized spelling of the Irish words "The Poor Old Woman") was a Belfast-b...

16 Mar 2018



Cathryn McWilliams

@candlelitink

This has been a great resource for my research ☐☐ <https://t.co/uSyj3HckJc>



Google Arts & Culture

Kevin Barry and His Legacy
A talk to accompany the launch of
the
Digital Kevin Barry Archive at UCD
<http://digital.ucd.ie/>
Prof. Diarmaid Ferriter

"Kevin Barry's execution in November 1920, occurs at the end of a bloody awful year in Ireland..."

▶ ▶| 🔊 0:05 / 15:57

CC ⚙️ 🖥️ 📺 🔍



Full-text

- Full-text search with Solr search engine
- OCR: [DocWorks](#)
 - abbyy finereader

UCD Digital Library

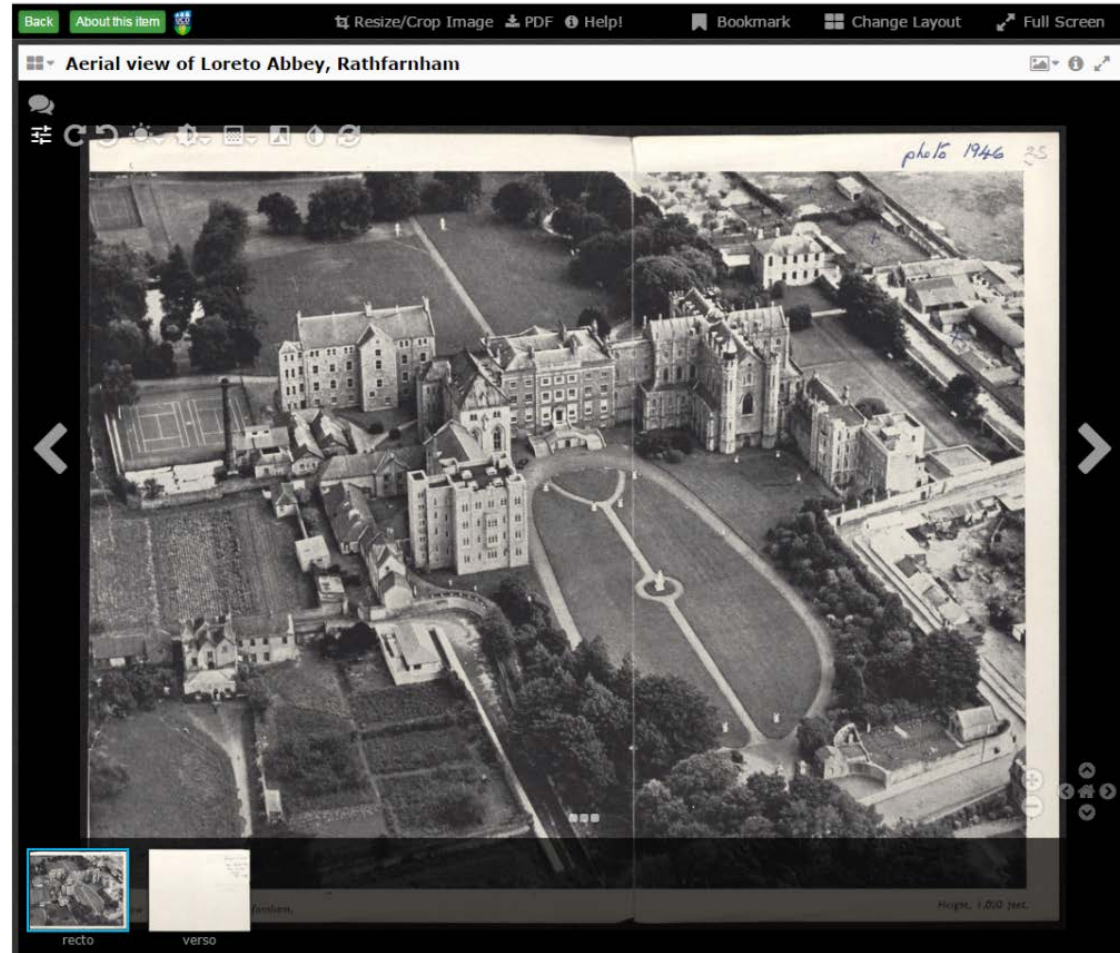
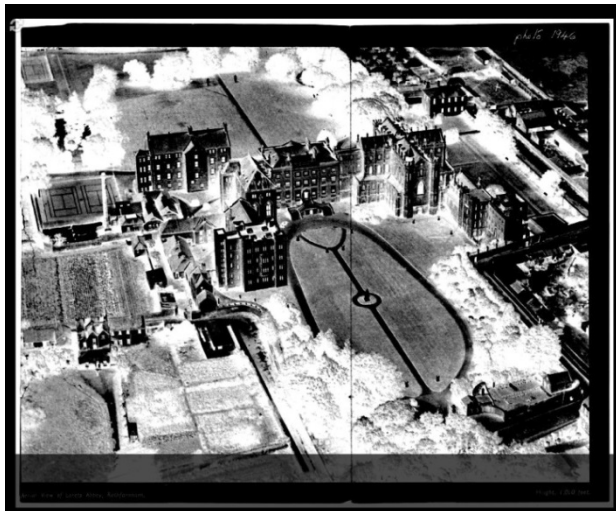
☐ search full text

[Advanced search](#)



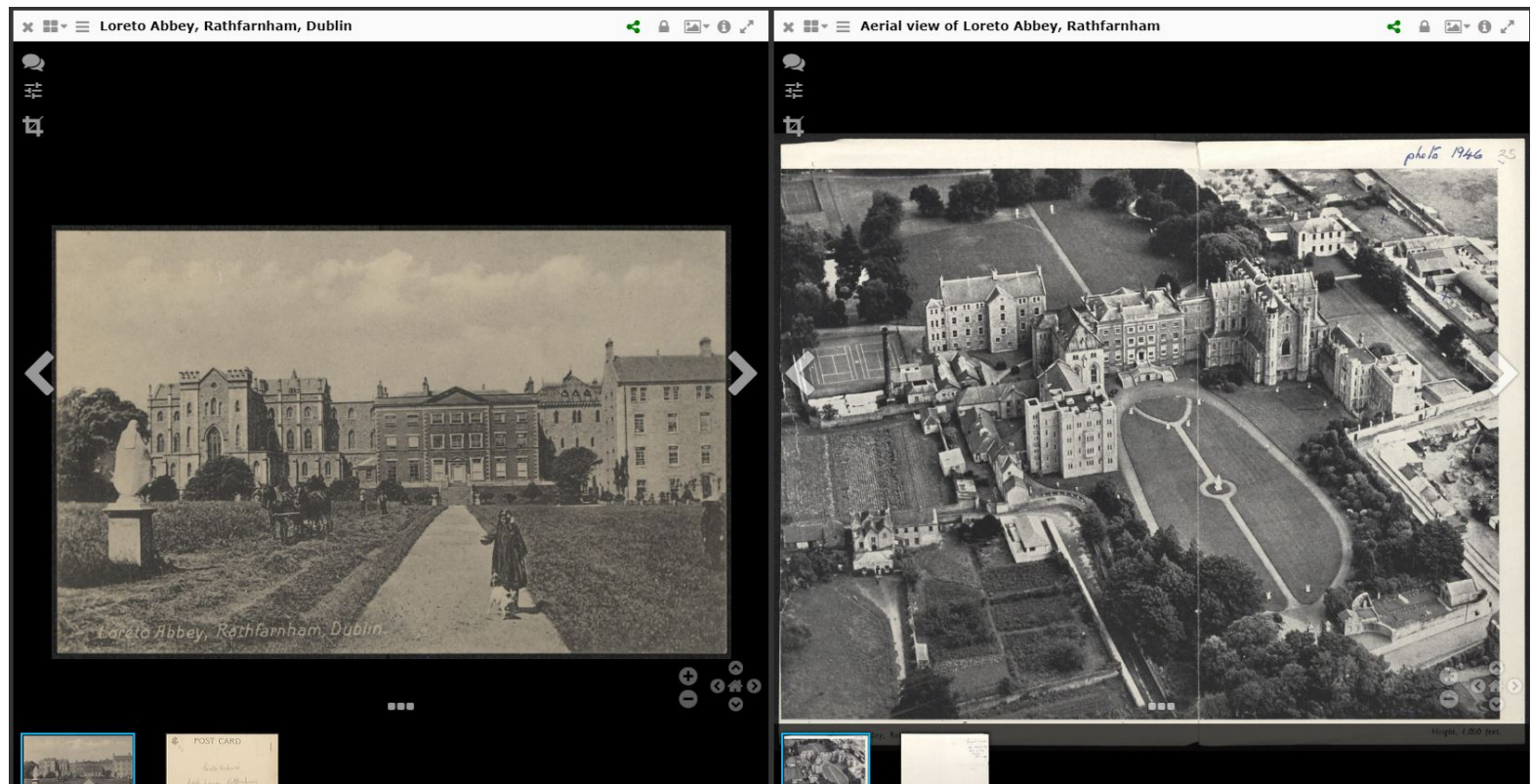
IIIF within Mirador Image Viewer

- Pan across the images
- Zoom and crop
- Annotate the images with notes
- Modify the image properties
 - Brightness, contrast etc



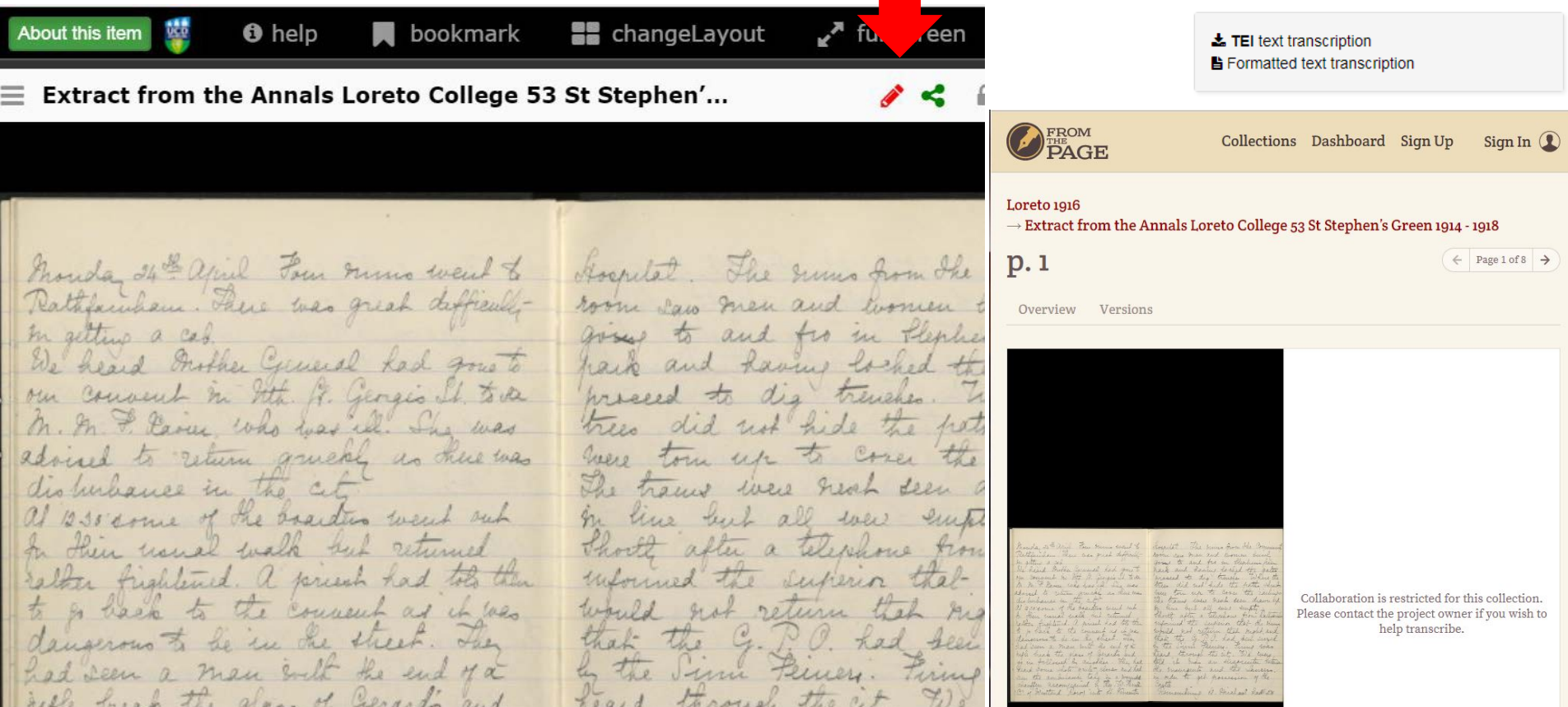
Comparing Images

- Change the layout of the viewer
- View two or more images side by side (from our collections or external IIIF digital libraries)
- Navigate using the thumbnails of all the available images



Transcriptions

- View Transcriptions when they are available
- Connecting to external platform: FromThePage
 - <https://fromthepage.com/>



The screenshot displays the FromThePage interface. At the top, a navigation bar includes links for 'About this item', 'help', 'bookmark', 'changeLayout', and 'Full Screen'. A red arrow points to the 'Full Screen' button. Below the navigation bar, the document title is 'Extract from the Annals Loreto College 53 St Stephen's Green'. The main content area shows a handwritten document with two columns of text. The text is dated 'Monday 24th April' and describes events in Dublin, including a visit to Rathfarnham and a meeting with Mr. P. Quinn. The right sidebar contains a 'TEI text transcription' button and a 'Formatted text transcription' button. The bottom of the page shows the 'FROM THE PAGE' logo, navigation links for 'Collections', 'Dashboard', 'Sign Up', and 'Sign In', and a page number indicator 'p. 1'.

Monday 24th April Four nuns went to Rathfarnham. There was great difficulty in getting a cab. We heard Mother General had gone to our convent in Vth. St. George's St. to see Mr. P. Quinn, who was ill. She was advised to return quickly as there was disturbance in the city. At 12.30 some of the nuns went out for their usual walk but returned rather frightened. A priest had told them to go back to the convent as it was dangerous to be in the street. They had seen a man with the end of a rifle break the glass of Gerard's and Hospital. The nuns from the room saw men and women going to and fro in Phipps park and having locked the gates proceeded to dig trenches. The trees did not hide the pots were torn up to cover the trenches. The trenches were not seen in line but all were empty. Shortly after a telephone from informed the Superior that would not return that night that the G. P. O. had been by the Sinn Féiners. Firing heard through the city. We

TEI text transcription
Formatted text transcription

FROM THE PAGE
Collections Dashboard Sign Up Sign In

Loreto 1916
→ Extract from the Annals Loreto College 53 St Stephen's Green 1914 - 1918

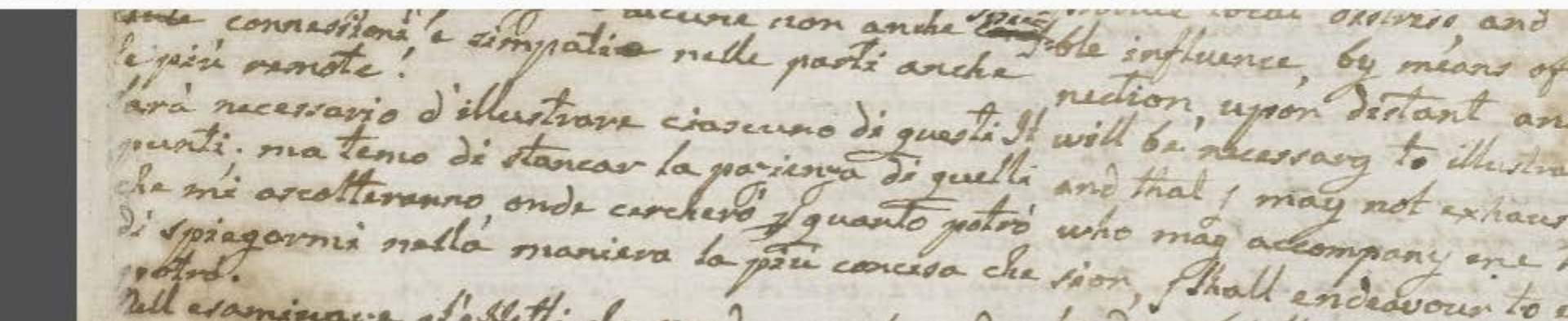
p. 1
Overview Versions

Collaboration is restricted for this collection. Please contact the project owner if you wish to help transcribe.

Transcriptions

- Crowdsourced transcriptions, with FromThePage: <https://fromthepage.com/>
 - Transcriptions Working Group
 - Pilot - Luke Wadding papers: <http://digital.ucd.ie/view/ivrla:18726>
 - Tool for teaching, e.g. Palaeography
 - Students will test the FromthePage software in workshops
 - Working Group will draw up guidelines for transcribers
 - Engagement & collaboration with academic Schools

[Copy of a medical tract on the subject of bloodletting and natural evacuation.]





Why Digitise?

- Provides opportunities for partnership and collaboration
 - Relationships built up over time with an organisation (e.g. OSi, IAA) – building on existing specialisms in UCD
 - Personal relationships within an external organisation (e.g. DDA, Garda Museum) – may be opportunistic
 - Relationships arising from connections within UCD – such as from an individual researcher (e.g. religious orders, Crampton); joint grant applications



Iberian Books

iberian.ucd.ie

- From “static” bibliography
 - listing of all books published in Spain, Portugal and the New World or printed elsewhere in Spanish or Portuguese during the Golden Age, 1472-1700
- To “dynamic” digital humanities project
 - creation of a suite of digital search tools to permit its investigation



SEARCH IBERIAN BOOKS

TITLE/KEYWORD

choose language ▾

AUTHOR

choose format ▾

PRINTER

choose topic ▾

☐ Women authors

☐ Women printers

☐ Women litigants

choose country ▾

PLACE OF PRINTING

YEAR

FROM

TO

citation ▾ No.

NUMBER OF SHEETS

FROM

TO

☐ digital copies only

Submit

Reset

Basic Search

ccz, licensed under CC BY-SA 4.0. [More](#)

Welcome to Iberian Books

The objective of Iberian Books is to produce a foundational listing of all books published in Spain, Portugal and the New World or printed elsewhere in Spanish or Portuguese during the Golden Age (1472-1700).

News & Events



https://iberian.ucd.ie/page_maps.php



Apps Inbox (50) - julia.barr Welcome to UCD Lib CESSDA SaW - WP 1

cookies



117,497



1,925,071

Total Number of Items Printed

Total Number of Sheets Printed (known for 80% of items)

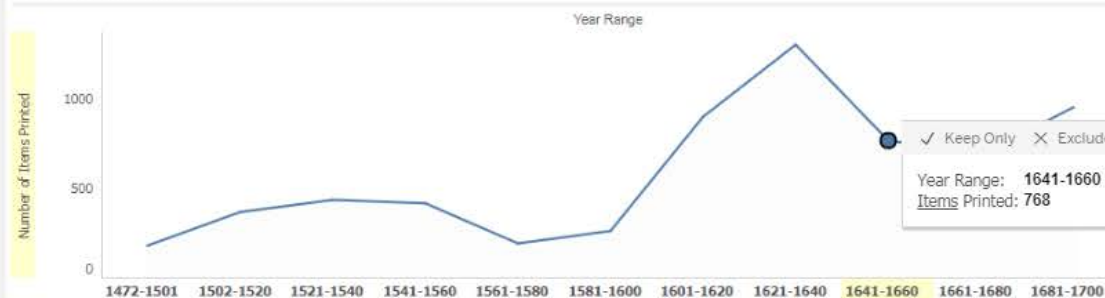
Total Items Printed Across Different Locations



Year Range

- ☒ (All)
- ☒ 1472-1501
- ☒ 1502-1520
- ☒ 1521-1540
- ☒ 1541-1560
- ☒ 1561-1580
- ☒ 1581-1600
- ☒ 1601-1620
- ☒ 1621-1640
- ☒ 1641-1660
- ☒ 1661-1680
- ☒ 1681-1700

Number of Items Printed in Sevilla Before 1700



Select Top

11

Places

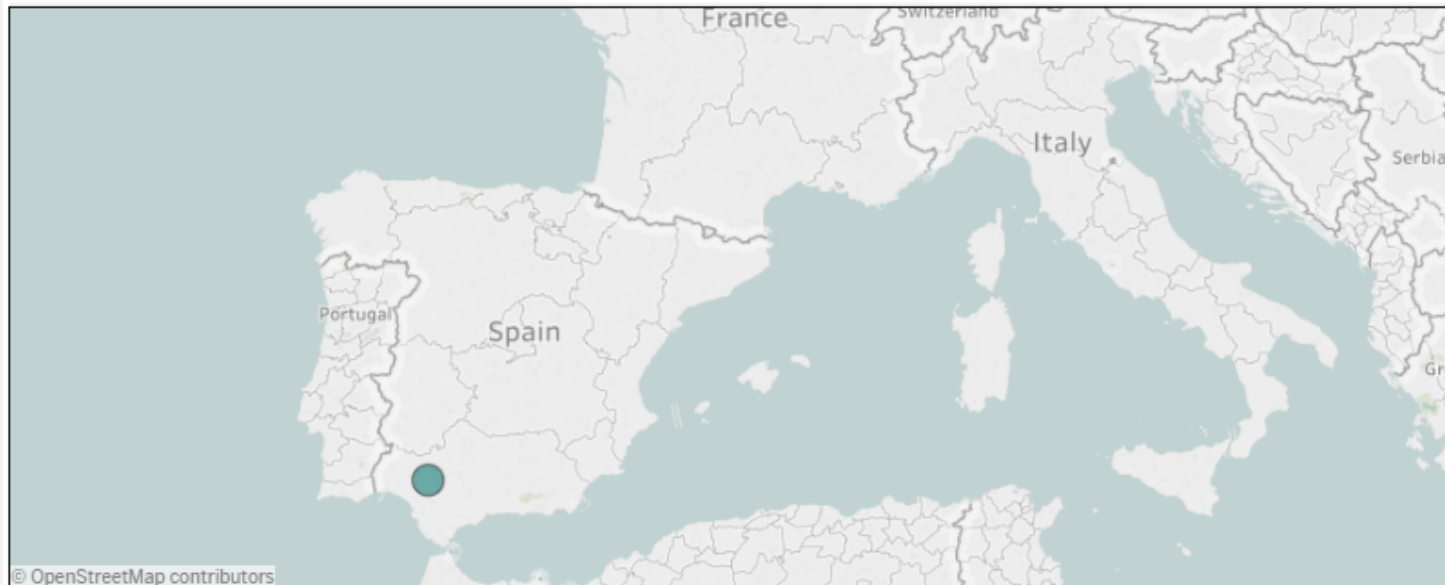
- ☐ Alcalá de Henares
- ☐ Barcelona
- ☐ Granada
- ☐ Lisboa
- ☐ Madrid
- ☐ México
- ☐ S.J. [Spain]
- ☐ Salamanca
- ☒ Sevilla

✓ Keep Only ✗ Exclude
Year Range: 1641-1660
Items Printed: 768

+ a b l e a u



Number of Active Printers in Sevilla



Women Printers

(All) ▼

Filter By

☒ City

☐ Year

Select City

Sevilla ▼

Select Year

1678

◀ ▶

List of Active Printers in Sevilla

Printer Or Publisher Name	Place	Activity Dates Display	Activity Dates from Delgado Casado	Link To Iberian Books
Aguilar, Francisco de	Sevilla	1568-1570	Null	↗
Alcabe, Miguel de	Sevilla	1651-1665	1664-1664	↗
Aleman, Conrado	Sevilla	1494	Null	↗
Almenara, Antonio de	Sevilla	1610-1612	Null	↗
Almodovar, Martinus	Sevilla	1491-1492	Null	↗
Armendáriz, Sebastián de	Sevilla	1686	Null	↗
Aylan, Francisco	Sevilla	1629	1629-1629	↗
Balbuena, Pedro de	Sevilla	1678	Null	↗
Barrio, Francesco	Sevilla	1530	Null	↗
Barrera, Alonso de la	Sevilla	1545-1609	1569-1599	↗
Barrera, viuda de Alonso de la	Sevilla	1604-1610	1607-1610	↗
Barrio y Angulo, Catalina de	Sevilla	1621	Null	↗
Bascoas, Juan de	Sevilla	1700+	Null	↗
Bañares, Pedro Martínez de	Sevilla	1564-1565	Null	↗
Bedmar, Lucas Antonio de	Sevilla	1666-1667	1666-1667	↗

Ornamento

<https://ornamento.ucd.ie/>



- Ornamento is a companion site to IB; pilot project
- Enables exploration of the graphical content of these early imprints, using a quarter of a million images of ornate letters, ornaments, borders, musical notation, diagrams, and illustrations drawn from Iberian print before 1701
- Utilises image recognition technology developed at Oxford University
 - <https://digital.humanities.ox.ac.uk/project/computer-vision-approaches-study-early-printing>



File: No file chosen

or URL:

Powered by VGG Image Search Engine (VISE), Visual Geometry Group, University of Oxford.


[Return to Ornamento](#)

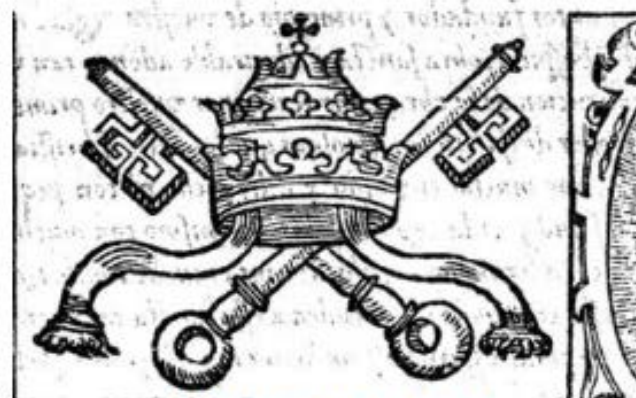
☐ Putative
 ☒ Boxes
 ☐ Lines
 ☐ Regions

name: 55131 



High resolution full image
Search on full image

name: 93123 



High resolution full image
Search on full image

Image comparison

Managing Expectations

“Fantastic map collection – are the Northern Irish maps available?”

“Can you have this collection ready in 3 months time for the anniversary?”

- Bringing a collection into the UCD Digital Library is similar to publishing an article and is a lengthy process.
- From the initial profiling stage to going live in the UCD Digital Library, the following steps are undertaken over several months:
 - Profiling
 - Digital Asset Curation
 - Cataloguing
 - Copyright
 - Ingest

See an overview of the entire workflow:

- [UCD Digital Library - Workflow Overview](#)



Managing Expectations

UCD Digital Library Is...	UCD Digital Library Is Not...
An infrastructure where digital collections are curated and preserved into the future.	A website for a digital collection.
An environment from which digital collections can be freely and globally accessed.	A storage platform or inaccessible ("dark") archive.
An environment in which digital collections are organised and managed in a structured way.	

UCD Digital Library Can...	UCD Digital Library Cannot...
Enhance existing descriptions or listings for a collection, or provide a template to compile an initial description of the items in a collection.	Undertake the arrangement and description of unlisted collections.
Digitise print collections and add to the UCD Digital Library providing it meets the criteria in its Collection Development Policy – see link below.	Archive websites or social media.
Add digital collections to the UCD Digital Library providing they meet the criteria in its Collection Development Policy and are compatible with the UCD Digital Library infrastructure.	Undertake data analysis e.g. network / pattern analysis.



Support for Funding Applications

- Document / LibGuide in progress
- Helps to articulate services
- Helps to demonstrate our expertise
- Provides forms of wording that can be used in funding applications
- Gives an indication of costs where appropriate
- Helps to manage expectations
- Strengthens relationship with Research Office





- Research data management
- Research impact and dissemination
- Hosting: open access publishing
- Hosting: Irish Social Science Data Archive
- Hosting: Digital Collections and UCD Digital Library
 - Digital asset curation
 - Metadata consultation
 - Copyright / Rights management consultation
 - Ingest
 - Storage
 - Preservation



- Impact services
 - Online exhibitions
 - Bibliometrics & social media
 - Usage statistics
 - Geographic Information Systems
- Systematic reviews
- Collections
 - e.g. subscriptions to journals and databases
- We need to communicate our services, roles, value more clearly
- Helps to establish credibility

https://www.uvic.ca/library/about/ul/UVicLibraries_GrantServices_Feb2017.pdf

Building Expertise

- Joint journeys e.g. with an academic or academic unit
- Work with a group such as CONUL, LIBER, email groups
- Visits to other libraries / centres of excellence in Ireland and elsewhere e.g. Edinburgh University; Erasmus; [UK Data Archive](#)
- Organise “expert” seminars, workshops & discussions e.g. *Digitising audio visual collections* (Irish Film Institute); *CoreTrustSeal requirements* (Librarian who reviews applications); *Creating & developing digital scholarship centres* (CONUL event before LIBER 2019); *IIIF meeting in UCD* (Tom Crane from Digirati)
- Work with a developer e.g. Ornamento
- Avail of partnerships (e.g. Edinburgh University; Irish libraries)
- Follow an “expert” e.g. Danny Kingsley
- Use a specialist email list
-  Apply for a grant that might let you recruit a specialist e.g. Digital Archivist, for a specific digitisation project

– <http://www.bai.ie/en/broadcasting/funding-development-3/>



National and International Approaches: CONUL (www.conul.ie)

- CONUL : Irish Consortium of National and University Libraries and is the representative body of research libraries in Ireland and Northern Ireland
 - Collections
 - Communications & Outreach
 - Customer Services
 - Regulatory Affairs
 - Research
 - Teaching & Learning
 - Training & Development
 - Unique & Distinct Collections
- Annual conference



CONUL Research Group

- Research data management, open access, scholarly communications, research impact, digital repositories, digitisation and digital preservation, common infrastructures, and digital scholarship, etc.
- Three sub-groups
 - Scholarly Communications
 - Paper drawn up to recommend that CONUL sign up to [DORA](#) (San Francisco Declaration on Research Assessment)
 - Research Data Management
 - Digital Collections
- Explore and promote best practice
- Provides guidance and expertise





Leabharlann UCD
UCD Library

CONUL INFORMATION SHEET

conul
consortium of national and university libraries

Where to Submit Data

This information sheet is aimed at researchers who want to share or submit their research data to a repository. It has been compiled by the CONUL Research Group.¹

1) Reasons for Sharing Data

- **Impact & longevity:** Your data may be cited by others. Open publications and data receive more citations, over longer periods
- **Compliance:** Funders, publishers and institutions may require that you share your data
- **Transparency & quality:** Your

There may be reasons for not sharing your data e.g. privacy and confidentiality issues, commercial value of the data. Horizon 2020 has coined the phrase: "As open as possible, as closed as necessary."

If you are unable to publicly share your data, consider the possibility that you may wish to make your data available internally to future researchers to facilitate follow-on research, and/or to create a metadata record in your chosen archives or repository. A metadata record will describe your data and aid others in knowing about it. In order to ensure this can happen you will need to manage your data – see [UCD Library's Data Management Checklist](#).

A data repository or archive will provide services such as:

- Persistent identifier such as a "digital object identifier" or DOI; the presence of a DOI facilitates discoverability and citeability
- Assistance with metadata provision e.g. through the use of a template
- Allow you to apply a licence to your data
- Aid compliance with 'FAIR' data principles (data that are Findable, Accessible, Interoperable and Reusable). This ensures data are published online with appropriate metadata and are assigned



CONUL Research Group Surveys

<http://www.conul.ie/research/>

- Research Data Management (linked into a wider *"Research data services and libraries international survey"* – can analyse the aggregated Irish results and compare with an earlier similar survey)
- Digital Scholarship Survey
 - Digital preservation is the top critical digital skills gap
- Help to inform on current services, issues and how the CONUL Research Group can assist through the provision of training, guidance, and other supports



Association of European Research Libraries:



LIBER (<https://libereurope.eu/>)


- Working Groups
 - [Architecture](#)
 - [Copyright & Legal Matters](#)
 - [Digital Humanities & Digital Cultural Heritage](#)
 - [Digital Skills](#)
 - [Innovative Metrics](#)
 - [Leadership Programmes](#)
 - [Linked Open Data](#)
 - [Open Access](#)
 - [Research Data Management](#)
- Annual conference
 - Dublin - <https://libereurope.eu/events/liber-2019-annual-conference/> (June 2019)



Experts

Danny Kingsley's Scholarly Communications Blog

**Unlocking Research**
University of Cambridge Office of Scholarly Communication

[Home](#) [Blog archive](#) [Upload your manuscripts](#) 

Relax everyone, Plan S is just the beginning of the discussion

🕒 September 12, 2018 📁 Uncategorized 🏷 academic freedom, CC-BY, copyright, Plan S, Science Europe 👤 Office of Scholarly Communication

If you are working (or even vaguely interested) in the scholarly communication space then you will not have failed to hear about the release of ‘Plan S’ last week. There has been a slew of reports and commentary (at the end of the sister blog “Most Plan S principles are not contentious”). Here’s another (hopefully useful) addition to the mix.

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Tags

altmetrics APC Apollo
article processing charges COAF
compliance copyright data
data champions Elsevier EPSRC funder
funders HEFCE hybrid
institutional repository JISC librarians
Libraries library metadata Open Access



Specialist Email Lists

- JISC
 - <https://www.jiscmail.ac.uk/>
 - LIS-BIBLIOMETRICS@JISCMAIL.AC.UK
 - RESEARCH-DATAMAN Home Page





Final Thoughts

- Link to University's strategy, especially the impact agenda
- Identify drivers, needs & gaps, especially those that tie in to University's objectives (e.g. H2020)
- Reach out to all possible partners....Library is only one partner
- Identify the steps that can be taken at all levels – bottom up, top down...multi-level relationships
- Ensure collaboration is embedded – not just lip service
- Take time to build & manage relationships
- Articulate value / benefits – demonstrate how we add value to the research process, save the researcher time by integrating into their workflow
- Inform stakeholders of external developments e.g. Plan S
- Identify & work with champions; use of pilots; joint journeys

